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(54) Title: NEW ALICYCLIC-AMINE-SUBSTITUTED 4-CARBOXAMIDO-BENZIMIDAZOLES AS PARP-INHIBITORS AND ANTIOXIDANTS

(57) Abstract: Compounds of the formula (I) and their pharmaceutically acceptable or technically applicable acid salts - where in the formula  $R^1$  represents hydrogen,  $C_{(1-4)}$  alkyl or  $C_{(1-4)}$  alkoxy  $R^2$  represents hydrogen,  $C_{(1-4)}$  alkyl, carboxyl,  $C_{(1-4)}$  alkoxycarbonyl, carboxamido,aryl or hetero-aryl  $R^3$  represents hydrogen,  $C_{(1-4)}$  alkyl, aryl-methylene, or aryl, Y is a valency bond, a straight or branched chain  $C_{(1-4)}$  alkene, a carbonyl-amino-  $C_{(1-4)}$  alkene, or a -S-  $(CH_2)_m$ - group, where all alkene groups above may be spaced by an arylene group, n represents zero or the integer 1 m represents the integer 1, 2 or 3 Q represents hydrogen, hydroxyl or the oxygen radical (0) or together with the N atom of the adjacent ring forms a +N=O (oxoimmonium) group Z represents a single or double bond and their pharmaceutically acceptable or technically useful salts, processes for their preparation and their biological use as PARP inhibitors and antioxidants.

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